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FAX REFERENCE NUMBER: AT-027A2

DATE: December 2, 2004

TO: COMMISSIONER OF PATENTS Technology Center: 2800
ATTN.: Examiner Aditya S. Bhat Art Unit: 2863

FAX NUMBER SENDING TO: (703) 872-9306 (Central Fax No.)

FROM: J. Michael Johnson FAX NUMBER:
 Reg. No. 37,856 (775) 849-3143
 Agent for Applicant

If illegible when received, NUMBER OF PAGES: 17
 please call: (775) 849-3085 (Including this page)

SUBJECT: AMENDMENT/RESPONSE TO OFFICE ACTION
 MAILED 09/15/2004 For SN: 10/027,751

MESSAGE

To Whom It May Concern:

Received by US Patent and Trademark Office:

Official Response/Amendment (14 pages) with Certificate of Facsimile
 Transmission (on page 14); and
 Transmittal Letter (1 page, 2 copies) with Cert. of Fax Transmission.

For Patent Application of:

Joel P. Dunsmore et al.

Serial Number: 10/027,751

Filed: Dec. 21, 2001

Entitled: "Test System Dynamic Range Extension Through Compression
 Compensation"

From: J. Michael Johnson, Reg. No. 37,856

(for John L. Imperato, Reg. No. 40,026, Agilent Technologies, Inc.)

Attorney Docket No.: 10004016-1

Dated: Dec. 2, 2004

CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence and the documents listed above are being facsimile
 transmitted to the United States Patent and Trademark Office.

A handwritten signature in black ink, appearing to read 'J. Michael Johnson'.

J. Michael Johnson

12/2/04

Date

AGILENT TECHNOLOGIES, INC.
Legal Department, DL429
Intellectual Property Administration
P. O. Box 7599
Loveland, Colorado 80537-0599

ATTORNEY DOCKET NO. 10004016-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Joel P. Dunsmore et al.

Serial No.: 10/027,751

Examiner: Aditya S. Bhat

Filing Date: December 21, 2001

Group Art Unit: 2863

Title: Test System Dynamic Range Extension Through Compression Compensation

COMMISSIONER FOR PATENTS

P.O. Box 1450
Alexandria VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

<input checked="" type="checkbox"/> Response/Amendment	<input type="checkbox"/> Petition to extend time to respond
<input type="checkbox"/> New fee as calculated below	<input type="checkbox"/> Supplemental Declaration
<input checked="" type="checkbox"/> No additional fee (Address envelope to "Mail Stop Non-Fee Amendments")	
<input type="checkbox"/> Other: _____	(Fee \$ _____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	32	MINUS	32	= 0	X 18	\$ 0.00
INDEP. CLAIMS	3	MINUS	3	= 0	X 88	\$ 0.00
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 290	\$ 0.00
EXTENSION FEE	1 ST MONTH 110.00 <input type="checkbox"/>	2 ND MONTH 420.00 <input type="checkbox"/>	3 RD MONTH 950.00 <input type="checkbox"/>	4 TH MONTH 1480.00 <input type="checkbox"/>		\$ 0.00
						OTHER FEES
						\$ 0.00
						TOTAL ADDITIONAL FEE FOR THIS AMENDMENT
						\$ 0.00

Charge \$0.00 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.2 5. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,
Joel P. Dunsmore et al.

By 
J. Michael Johnson
Attorney/Agent for Applicant(s)

I hereby certify that this is paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below:

Date of facsimile: December 2, 2004

Reg. No. 37,866

Typed Name: J. Michael Johnson

Date: December 2, 2004

Signature: 

Telephone No. (775) 849-3085

AGILENT TECHNOLOGIES, INC.
Legal Department, M/S DL429
Intellectual Property Administration
P. O. Box 7599
Loveland, CO 80537-0599

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PATENT APPLICATION
ATTORNEY DOCKET NO. 10004016-1 DEC 02 2004

RESPONSE/AMENDMENT dated Dec. 2, 2004

OFFICIAL

Appl. No.	:	10/027,751	Confirmation No. 3808
Applicant	:	Joel P. Dunsmore et al.	
Filed	:	Dec. 21, 2001	
TC/AU	:	2800/2863	
Examiner	:	Aditya S. Bhat	
Docket No.	:	10004016-1	
Customer No.	:	022878	
Title	:	Test System Dynamic Range Extension Through Compression Compensation	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE/AMENDMENT

Sir:

In response to the Office Action of Sep. 15, 2004, please amend the above-identified application as follows.

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks/Arguments begin on page 10 of this paper.

A Certificate of Mailing or Transmission is provided on the last page of this document and applies to this document and any attachments thereto.